

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A radio communication system for performing multicast communication comprising:

a reception ability value collector configured to collect a reception ability value of each mobile station belonging to a specific multicast group, wherein the reception ability value defines at least one of a demodulation method, a reception buffer size, a computing processing ability, an error correction method and an interleaving length;

a radio resource manager configured to manage available radio resources;

a transmission method determiner configured to determine a transmission method of transmitting information in accordance with the collected reception ability value and the available radio resources, so that a mobile station belonging to the specific multicast group equipped with a lowest reception ability can receive the information using the determined transmission method, wherein the transmission method is determined by at least one of a hierarchical organization of the transmitted information, an amount of [[data]] transmitted information, a number of codes used to code the transmitted information, an error correction method applied to the transmitted information, and a number of blocks of transmitted information, and a rate matching method; and

a transmitter configured to transmit the information to each mobile station belonging to the specific multicast group using the determined transmission method without precluding a new mobile station that attempts to join the specific multicast group from joining the specific multicast group.

2-3. (Canceled)

4. (Currently Amended) A radio station comprising:

a reception ability value collector configured to collect a reception ability value of each mobile station belonging to a specific multicast group, wherein the reception ability value defines at least one of a demodulation method, a reception buffer size, a computing processing ability, an error correction method and an interleaving length;

a radio resource manager configured to manage available radio resources;

a transmission method determiner configured to determine a transmission method of transmitting information in accordance with the collected reception ability value and the available radio resources, so that a mobile station belonging to the specific multicast group equipped with a lowest reception ability can receive the information using the determined transmission method, wherein the transmission method is determined by at least one of a hierarchical organization of the transmitted information, an amount of [[data]] the transmitted information, a number of codes used to code the transmitted information, an error correction method applied to the transmitted information, and a number of blocks of the transmitted information, and a rate matching method; and

a transmitter configured to transmit the information to each mobile station belonging to the specific multicast group using the determined transmission method without precluding a new mobile station that attempts to join the specific multicast group from joining the specific multicast group.

5. (Canceled)

6. (Currently Amended) The radio station according to claim 4, wherein the transmission method is determined by at least one of a the hierarchical organization of the

~~transmitted information method of organizing the information hierarchically and a rate matching method.~~

7. (Previously Presented) The radio station according to claim 4, wherein the radio resource is defined by at least one of transmission power, the numbers of codes, the numbers of frequencies and propagation conditions.

8-10. (Canceled)

11. (Currently Amended) The radio communication system station according to claim 1 [[7]], wherein the transmission method is determined by the hierarchical organization of the transmitted information ~~at least one of a method of organizing the information hierarchically and a rate matching method.~~

12. (Canceled)

13. (Currently Amended) The radio communication system station according to claim 1, wherein the radio resource is defined by at least one of transmission power, the numbers of codes, the numbers of frequencies and propagation conditions.

14. (Previously Presented) The radio communication system according to claim 1, wherein the transmission method determiner is configured to determine the transmission method so that the mobile station belonging to the specific multicast group equipped with a lowest reception ability can receive the information using the determined transmission method, even when at least one mobile station capable of receiving the information using a

transmission method corresponding to a more robust reception ability value exists in the specific multicast group.

15. (Previously Presented) The radio station according to claim 4, wherein the transmission method determiner is configured to determine the transmission method so that the mobile station belonging to the specific multicast group equipped with a lowest reception ability can receive the information using the determined transmission method, even when at least one mobile station capable of receiving the information using a transmission method corresponding to a more robust reception ability value exists in the specific multicast group.

16. (New) The radio communication system according to claim 1, wherein the transmission method is determined by the amount of transmitted information.

17. (New) The radio communication system according to claim 1, wherein the transmission method is determined by the number of codes used to code the transmitted information.

18. (New) The radio communication system according to claim 1, wherein the transmission method is determined by the error correction method applied to the transmitted information.

19. (New) The radio communication system according to claim 18, wherein the error correction method applied to the transmitted information includes collapse codes.

20. (New) The radio communication system according to claim 18, wherein the error correction method applied to the transmitted information includes turbo codes.

21. (New) The radio communication system according to claim 1, wherein the transmission method is determined by the number of blocks of transmitted information.

22. (New) The radio communication system according to claim 11, wherein the transmission method is determined by the hierarchical organization of the transmitted information, which indicates a method of transmitting the information organized hierarchically by a modulation method used to modulate the transmitted information, a transmission power used to transmit the transmitted information, the numbers of codes used to code the transmitted information, the numbers of blocks of transmitted information, and an importance of the transmitted information.

23. (New) The radio station according to claim 4, wherein the transmission method is determined by the amount of transmitted information.

24. (New) The radio station according to claim 4, wherein the transmission method is determined by the number of codes used to code the transmitted information.

25. (New) The radio station according to claim 4, wherein the transmission method is determined by the error correction method applied to the transmitted information.

26. (New) The radio station according to claim 25, wherein the error correction method applied to the transmitted information includes collapse codes.

27. (New) The radio station according to claim 25, wherein the error correction method applied to the transmitted information includes turbo codes.

27. (New) The radio station according to claim 4, wherein the transmission method is determined by the number of blocks of transmitted information.

29. (New) The radio station according to claim 6, wherein the transmission method is determined by the hierarchical organization of the transmitted information, which indicates a method of transmitting the information organized hierarchically by a modulation method used to modulate the transmitted information, a transmission power used to transmit the transmitted information, the numbers of codes used to code the transmitted information, the numbers of blocks of transmitted information, and an importance of the transmitted information.